

PRELIMINARY LOCAL CLIMATOLOGICAL DATA MONTH October YEAR 2019

LATITUDE 42° 13' N LONGITUDE 71° 07' W GROUND ELEVATION 629 FT. STANDARD TIME Eastern

DAY	TEMPERATURE (°F)						PRECIPITATION (in.)		SNOW, ICE PELLETS OR ICE ON GROUND AT 0700E	WIND			SUNSHINE		SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	PEAK GUST (m.p.h.)	DIRECTION OF PEAK GUST	AVG. STATION PRESSURE (mb)	AVG. STATION VAPOR PRESSURE (mb)
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°)		TOTAL (Water Equivalent)	SNOWFALL, ICE PELLETS		AVERAGE SPEED (m.p.h.)	FASTEST MILE		TOTAL (Min.)	PERCENT OF POSSIBLE						
					HEATING	COOLING					SPEED	DIRECTION								
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	67	52	60	3	5	0	0.06	0.0	0	14.3	21	SW	28	4			28	SW	993	16.4
2	74	49	62	5	3	0	0.42	0.0	0	11.5	20	ENE	21	3			30	ENE	988	18.6
3	51	46	49	-7	16	0	0.06	0.0	0	9.1	18	ENE	0	0			28	ENE	997	9.5
4	59	40	50	-6	15	0	0.05	0.0	0	11.8	28	NNW	397	57		2	38	NNW	994	8.6
5	58	35	47	-9	18	0	0.00	0.0	0	8.2	15	NW	687	99			21	N	1006	5.6
6	65	44	55	0	10	0	0.00	0.0	0	16.8	28	SSW	263	38			36	SSW	1003	12.5
7	77	57	67	12	0	2	0.12	0.0	0	19.3	42	SSW	316	46			47	SSW	997	17.1
8	60	52	56	2	9	0	T	0.0	0	8.2	15	NE	0	0			22	NE	1001	13.5
9	55	49	52	-2	13	0	0.11	0.0	0	17.5	27	NE	0	0			43	NE	1002	11.2
10	54	47	51	-3	14	0	0.20	0.0	0	18.8	M	M	0	0			41	NE	998	9.9
11	52	48	50	-3	15	0	1.36	0.0	0	20.4	29	NE	0	0		2	41	NE	997	12.1
12	52	49	51	-2	14	0	0.28	0.0	0	9.5	25	NE	0	0		2	39	NE	991	12.5
13	66	48	57	4	8	0	0.00	0.0	0	6.3	11	W	570	85			18	WNW	994	12.3
14	67	51	59	7	6	0	0.00	0.0	0	7.0	15	WSW	335	50			18	WSW	993	13.4
15	61	43	52	0	13	0	0.00	0.0	0	7.8	15	WNW	653	98			18	NNW	996	8.1
16	61	45	53	2	12	0	0.69	0.0	0	15.3	46	ESE	305	46			58	ESE	988	11.7
17	60	46	53	2	12	0	1.27	0.0	0	25.7	46	E	86	13			61	E	964	8.7
18	57	41	49	-2	16	0	0.00	0.0	0	14.1	23	NW	99	15			29	WNW	984	7.7
19	58	36	47	-3	18	0	0.00	0.0	0	8.7	15	WNW	648	99			18	NW	992	6.0
20	60	43	52	2	13	0	T	0.0	0	5.9	11	NE	280	43			14	NE	994	10.6
21	59	49	54	4	11	0	0.01	0.0	0	10.0	19	ENE	591	91			25	E	996	11.9
22	58	47	53	4	12	0	0.14	0.0	0	11.6	22	E	78	12			29	E	994	12.5
23	65	48	57	8	8	0	0.27	0.0	0	13.1	31	W	431	67			35	W	988	10.3
24	67	43	55	6	10	0	0.00	0.0	0	13.5	21	S	635	99			28	S	1001	7.6
25	64	47	56	7	9	0	T	0.0	0	7.2	16	SW	217	34			20	SW	1002	10.0
26	58	45	52	4	13	0	0.01	0.0	0	6.6	14	N	502	79		2	20	N	1000	9.7
27	52	45	49	1	16	0	1.43	0.0	0	14.9	28	ESE	0	0		2	37	ESE	991	11.3
28	53	46	50	2	15	0	0.06	0.0	0	7.5	17	N	50	8			24	NNW	999	11.2
29	54	47	51	4	14	0	0.02	0.0	0	4.8	9	ESE	0	0			15	ESE	1004	4.8
30	65	51	47	11	7	0	0.14	0.0	0	6.8	17	S	138	22		2	24	S	1001	14.8
31	68	58	63	16	2	0	0.22	0.0	0	25.9	50	S	0	0			61	S	988	18.8
SUM	1877	1447	-----	-----	347	2	6.92	0.0	-----	378.1	-----	-----	7330	-----	-----	-----	-----	-----	-----	348.9
AVG	60.5	46.7	-----	-----	-----	-----	-----	-----	-----	12.2	FASTEST	DIR.	POSSIBLE	%	-----	-----	-----	-----	-----	11.3
										MISC.	50	S	20566	36%						

TEMPERATURE DATA		PRECIPITATION DATA		WEATHER		SYMBOLS USED IN COLUMN 16																
AVERAGE MONTHLY	53.6	TOTAL FOR THE MONTH	6.92 IN.	NUMBER OF DAYS -		1 = FOG REDUCING VISIBILITY TO 6 MILES OR LESS																
DEPARTURE FROM NORMAL	+2.0	DEPARTURE FROM NORMAL	+2.23 IN.	CLEAR (Scale 0-3)		2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS																
HIGHEST	77 ON 7th	GRTST IN 24 HRS.	1.96 ON 16th-17th	PARTLY CLOUDY (Scale 4-7)		3 = THUNDER																
LOWEST	35 ON 5th	SNOWFALL, ICE PELLETS		CLOUDY (Scale 8-10)		4 = ICE PELLETS																
NUMBER OF DAYS WITH -		TOTAL FOR THE MONTH	N/A IN.	WITH 0.01 INCH OR MORE PRECIP.		5 = HAIL																
MAX 32° OR BELOW	0	GRTST IN 24 HRS.	N/A ON	WITH 0.10 INCH OR MORE PRECIP.		13 = GLAZE OR RIME																
MAX 90° OR ABOVE	0	GRTST DEPTH 07E	N/A ON	WITH 0.50 INCH OR MORE PRECIP.		4 = BLOWING DUST OR BLOWING SAND																
MIN 32° OR BELOW	0	PRESSURE DATA		WITH 1.00 INCH OR MORE PRECIP.		3 = REDUCING VISIBILITY TO 1/4 MILE OR LESS																
MIN 0° OR BELOW	0	HIGHEST SEA-LEVEL	30.46 IN. ON 5-Oct			8 = SMOKE OR HAZE																
HEATING DEGREE DAYS (Base 65°)		LOWEST SEA-LEVEL	28.82 IN. ON 17-Oct			9 = BLOWING SNOW																
TOTAL THIS MONTH	347	MAXIMUM PRECIPITATION				X = TORNADO																
DEPARTURE FROM NORMAL	-74	Δt (Minutes)	5 10 15 20 30 45 60 80 100 120 150 180																			
SEASONAL TOTAL	440	PRECIPITATION (inches)	0.13 0.25 0.35 0.45 0.66 0.86 0.94 1.13 1.26 1.41 1.61 1.78																			
DEPARTURE FROM NORMAL	-123	ENDED: DATE	17-Oct 17-Oct 17-Oct 17-Oct 17-Oct 17-Oct 17-Oct 17-Oct 17-Oct 17-Oct 17-Oct 17-Oct																			
COOLING DEGREE DAYS (Base 65°)		TIME	0123E 0123E 0123E 0123E 0127E 0134E 0134E 0134E 0134E 0134E 0134E 0134E																			
TOTAL THIS MONTH	2	BAROMETRIC PRESSURE				AVERAGE RELATIVE HUMIDITY																
DEPARTURE FROM NORMAL	-3	Hpc. 649 FT. MSL				1AM: 88% 1PM: 68%																
SEASONAL TOTAL	682	Avg Station Pressure:	29.365 in.			7AM: 86% 7PM: 85%																
DEPARTURE FROM NORMAL	+80	Avg Sea Level Pressure:	30.070 in.			Pk. Gust ASOS 62 S																
										CLIMAT	74492	9944	0147	0120	11317	01755	12215	0347	PREV. WIND DIR. NE 13%		STATION INDEX NO: 19-0737-02	